#### FIGURE 363

ACACTGGCCAAACAAAACGAAAGCACTCCGTGCTGGAAGTAGGAGGAGAGTCAGGACTC CCAGGACAGAGGTGCACAAACTACCCAGCACAGCCCCCTCCGCCCCCTCTGGAGGCTGA AGAGGGATTCCAGCCCCTGCCACCCACAGACACGGGCTGACTGGGGTGTCTGCCCCCCTT GGGGGGGGCACACAGGCCTCAGGCCTGGGTGCCACCTGGCACCTAGAAGATGCCTGT GCCCTGGTTCTTGCTGTCCTTGGCACTGGGCCGAAGCCCAGTGGTCCTTTCTCTGGAGAG GCTTGTGGGGCCTCAGGACGCTACCCACTGCTCTCCGGGCCTCTCCTGCCGCCTCTGGGA CAGTGACATACTCTGCCTGCGGGGACATCGTGCCTGCTCCGGGCCCCGTGCTGGCGCCC TACGCACCTGCAGACAGAGCTGGTGCTGAGGTGCCAGAAGGAGACCGACTGTGACCTCTG TCTGCGTGTGGCTGTCCACTTGGCCGTGCATGGGCACTGGGAAGAGCCTGAAGATGAGGA AAAGTTTGGAGGAGCAGCTGACTCAGGGGTGGAGGAGCCTAGGAATGCCTCTCTCCAGGC CCAAGTCGTGCTCCTTCCAGGCCTACCCTACTGCCCGCTGCGTCCTGCTGGAGGTGCA AGTGCCTGCTGCCCTTGTGCAGTTTGGTCAGTCTGTGGGCTCTGTGGTATATGACTGCTT CGAGGCTGCCCTAGGGAGTGAGGTACGAATCTGGTCCTATACTCAGCCCAGGTACGAGAA GGAACTCAACCACACAGCAGCTGCCTGCCCTGCCCTGGCTCAACGTGTCAGCAGATGG TGACAACGTGCATCTGGTTCTGAATGTCTCTGAGGAGCAGCACTTCGGCCTCTCCCTGTA CTGGAATCAGGTCCAGGGCCCCCAAAACCCCGGTGGCACAAAAACCTGACTGGACCGCA GATCATTACCTTGAACCACACACACGCTGGTTCCCTGCCTCTGTATTCAGGTGTGGCCTCT GGAACCTGACTCCGTTAGGACGAACATCTGCCCCTTCAGGGAGGACCCCCGCGCACACCA ACCGTGCTCGCTGCCCGCAGAAGCGGCACTGTGCTGGCGGGCTCCGGGTGGGGACCCCTG CCAGCCACTGGTCCCACCGCTTTCCTGGGAGAACGTCACTGTGGACAAGGTTCTCGAGTT CCCATTGCTGAAAGGCCACCCTAACCTCTGTGTTCAGGTGAACAGCTCGGAGAAGCTGCA GCTGCAGGAGTGCTTGTGGGCTGACTCCCTGGGGCCTCTCAAAGACGATGTGCTACTGTT GGAGACACGAGGCCCCCAGGACAACAGATCCCTCTGTGCCTTGGAACCCAGTGGCTGTAC CCTGCAGTCAGGCCAGTGTCTGCAGCTATGGGACGATGACTTGGGAGCGCTATGGGCCTG TGCCGCTGCGCTTTCCCTCATCCTCCTCTCAAAAAGGATCACGCGAAAGGGTGGCTGAG CTACTCAGCGATGACTCGGGTTTCGAGCGCCTGGTGGGCGCCCTGGCGTCGGCCCTGTG CCAGCTGCCGCTGCGCGTGGCCGTAGACCTGTGGAGCCGTCGTGAACTGAGCGCGCAGGG GCCCGTGGCTTGGTTTCACGCGCAGCGCGCCCAGACCCTGCAGGAGGGCGGCGTGGTGGT CTTGCTCTCTCCCGGTGCGGTGGCGCTGTGCAGCGAGTGGCTACAGGATGGGGTGTC CGGGCCCGGGGCGCACGACGCCTTCCGCGCCTCGCTCAGCTGCGTGCTGCC CGACTTCTTGCAGGGCCGGGCGCCCGGCAGCTACGTGGGGGCCTGCTTCGACAGGCTGCT CCACCGGACGCGTACCCGCCCTTTTCCGCACCGTGCCCGTCTTCACACTGCCCTCCCA ACTGCCAGACTTCCTGGGGGCCCTGCAGCAGCCTCGCGCCCCGCGTTCCGGGCGGCTCCA CCCGGGGACTCCCGCGCCGGGACGCGGGGTGGGACCAGGGGCGGGACCTGGGGCGGGGGA CGGGACTTAAATAAAGGCAGACGCTGTTTTTCTAAAAAAA

## FIGURE 364

MPVPWFLLSLALGRSPVVLSLERLVGPQDATHCSPGLSCRLWDSDILCLPGDIVPAPGPV
LAPTHLQTELVLRCQKETDCDLCLRVAVHLAVHGHWEEPEDEEKFGGAADSGVEEPRNAS
LQAQVVLSFQAYPTARCVLLEVQVPAALVQFGQSVGSVVYDCFEAALGSEVRIWSYTQPR
YEKELNHTQQLPALPWLNVSADGDNVHLVLNVSEEQHFGLSLYWNQVQGPPKPRWHKNLT
GPQIITLNHTDLVPCLCIQVWPLEPDSVRTNICPFREDPRAHQNLWQAARLRLLTLQSWL
LDAPCSLPAEAALCWRAPGGDPCQPLVPPLSWENVTVDKVLEFPLLKGHPNLCVQVNSSE
KLQLQECLWADSLGPLKDDVLLLETRGPQDNRSLCALEPSGCTSLPSKASTRAARLGEYL
LQDLQSGQCLQLWDDDLGALWACPMDKYIHKRWALVWLACLLFAAALSLILLLKKDHAKG
WLRLLKQDVRSGAAARGRAALLLYSADDSGFERLVGALASALCQLPLRVAVDLWSRRELS
AQGPVAWFHAQRRQTLQEGGVVVLLFSPGAVALCSEWLQDGVSGPGAHGPHDAFRASLSC
VLPDFLQGRAPGSYVGACFDRLLHPDAVPALFRTVPVFTLPSQLPDFLGALQQPRAPRSG
RLQERAEQVSRALQPALDSYFHPPGTPAPGRGVGPGAGPGAGDGT

#### Signal sequence:

amino acids 1-20

#### Transmembrane domain:

amino acids 453-475

#### N-glycosylation sites:

amino acids 118-121, 186-189, 198-201, 211-214, 238-241, 248-251, 334-337, 357-360, 391-394

#### Glycosaminoglycan attachment site:

amino acids 583-586

cAMP- and cGMP-dependent protein kinase phosphorylation site: amino acids 552-555

#### N-myristoylation sites:

amino acids 107-112, 152-157, 319-324, 438-443, 516-521, 612-617, 692-697, 696-701, 700-705



### FIGURE 365

AATAGAAGTCCTCAGGACGGAGCAGAGGTGGCCGGCGGGCCGGCTGACTGCGCCTCTGC TTTCTTTCCATAACCTTTTCTTTCGGACTCGAATCACGGCTGCGGAAGGGTCTAGTTC CGGACACTAGGGTGCCCGAACGCGCTGATGCCCCGAGTGCTCGCAGGGCTTCCCGCTAAC  $\mathtt{CATGCTGCCGCCGCCGCGCCCGCAGCTGCCTTGGCGCTGCCTGTGCTCCTGCTACTGCT}$ GGTGGTGCTGACGCCCCCCGACCGGCGCAAGGCCATCCCCAGGCCCAGATTACCTGCG GCGCGGCTGGATGCGGCTGCTAGCGGAGGGCGAGGGCTGCGCTCCCTGCCGGCCAGAAGA GTGCGCCGCGCGGGCTGCCTGGCGGGCAGGGTGCGCGACGCGTGCGGCTGCTGCTG GGAATGCGCCAACCTCGAGGGCCAGCTCTGCGACCTGGACCCCAGTGCTCACTTCTACGG GCACTGCGGCGAGCAGCTTGAGTGCCGGCTGGACACAGGCGGCGACCTGAGCCGCGGAGA GGTGCCGGAACCTCTGTGTGCCTGTCGTTCGCAGAGTCCGCTCTGCGGGTCCGACGGTCA CACCTACTCCCAGATCTGCCGCCTGCAGGAGGCGGCCCGCGCTCGGCCCGATGCCAACCT CACTGTGGCACACCCGGGGCCCTGCGAATCGGGGCCCCAGATCGTGTCACATCCATATGA CACTTGGAATGTGACAGGGCAGGATGTGATCTTTGGCTGTGAAGTGTTTGCCTACCCCAT GGCCTCCATCGAGTGGAGGAAGGATGGCTTGGACATCCAGCTGCCAGGGGATGACCCCCA CCAGGCTGTGCGTCCCAGTGATGAGGGCACTTACCGCTGCCTTGGCCGCAATGCCCTGGG TCAAGTGGAGGCCCCTGCTAGCTTGACAGTGCTCACACCTGACCAGCTGAACTCTACAGG TCATCCCTGCTCTTGAAAAGACCTGGAAAGGGGAGCAGGGTCCCTTCATCGACTGCTTTC ATGCTGTCAGTAGGGATGATCATGGGAGGCCTATTTGACTCCAAGGTAGCAGTGTGGTAG GATAGAGACAAAAGCTGGAGGAGGGTAGGGAGAAGCTGAGACCAGGACCGGTGGGGTA CAAAGGGGCCCATGCAGGAGATGCCCTGGCCAGTAGGACCTCCAACAGGTTGTTTCCCAG GCTGGGGTGGGGCCTGAGCAGACACAGAGGTGCAGGCACCAGGATTCTCCACTTCTTCC AGCCCTGCTGGGCCACAGTTCTAACTGCCCTTCCTCCCAGGCCCTGGTTCTTGCTATTTC CTGGTCCCCAACGTTTATCTAGCTTGTTTGCCCTTTCCCCAAACTCATCTTCCAGAACTT TTCCCTCTCCTAAGCCCCAGTTGCACCTACTAACTGCAGTCCCTTTTGCTGTCTGCCG TCTTTTGTACAAGAGAGAGAACAGCGGAGCATGACTTAGTTCAGTGCAGAGAGATTT



#### FIGURE 366

MLPPPRPAAALALPVLLLLLVVLTPPPTGARPSPGPDYLRRGWMRLLAEGEGCAPCRPEE CAAPRGCLAGRVRDACGCCWECANLEGQLCDLDPSAHFYGHCGEQLECRLDTGGDLSRGE VPEPLCACRSQSPLCGSDGHTYSQICRLQEAARARPDANLTVAHPGPCESGPQIVSHPYD TWNVTGQDVIFGCEVFAYPMASIEWRKDGLDIQLPGDDPHISVQFRGGPQRFEVTGWLQI QAVRPSDEGTYRCLGRNALGQVEAPASLTVLTPDQLNSTGIPQLRSLNLVPEEEAESEEN DDYY

Important features of the protein:

Signal peptide:

1-30

Transmembrane domain:

None

N-glycosylation site:

159-163, 183-187, 277-281

Tyrosine kinase phosphorylation site:

244-252

N-myristoylation site:

52-58, 66-72, 113-119, 249-255

Kazal-type serine protease inhibitor domain:

121-168

Immunoglobulin domain:

186-255

Insulin-like growth factor binding proteins:

53-90

PCT/US01/19692

WO 02/00690

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### FIGURE 367

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## FIGURE 368

MERGAGAKLLPLLLLRATGFTCAQTDGRNGYTAVIEVTSGGPWGDWAWPEMCPDGFFAS GFSLKVEPPQGIPGDDTALNGIRLHCARGNVLGNTHVVESQSGSWGEWSEPLWCRGGAYL VAFSLRVEAPTTLGDNTAANNVRFRCSDGEELQGPGLSWGDFGDWSDHCPKGACGLQTKI QGPRGLGDDTALNDARLFCCRS

Important features of the protein:

Signal peptide:

1-24

Transmembrane domain:

None ·

N-myristoylation site:

41-47

89~95

156-162

Growth factor and cytokines receptors family signature 2: 103-110

### FIGURE 369

GCCAACACTGGCCAAACCTCGGAGACCGTCCTGCGCTCTCTGGAGACGCGCTGTCCGCGC GTACTGCCACGGCTGGACGCGCAGGGCGTCTGGCGCATCGGCTTCCAGTGTCCCGA GCGCTTCGACGCGGCGACGCCACCATCTGCTGCGCAGCTGCGCGTTGCGCTACTGCTG CTCCAGCGCCGAGGCGCCTGGACCAGGGCGCTGCGACAATGACCGCCAGCAGGGCGC TGGCGAGCCTGGCCGGCCGACAAAGACGCCCCGACGCTCGGCAGTGCCCATCTACGT GCCGTTCCTCATTGTTGGCTCCGTGTTTGTCGCCTTTATCATCTTGGGGTCCCTGGTGGC AGCCTGTTGCTGCAGATGTCTCCGGCCTAAGCAGGATCCCCAGCAGAGCCGAGCCCCAGG GGGTAACCGCTTGATGGAGACCATCCCCATGATCCCCAGTGCCAGCACCTCCCGGGGGTC GTCCTCACGCCAGTCCAGCACAGCTGCCAGTTCCAGCTCCAGCGCCAACTCAGGGGCCCG GGCGCCCCAACAAGGTCACAGACCAACTGTTGCTTGCCGGAAGGGACCATGAACAACGT GTATGTCAACATGCCCACGAATTTCTCTGTGCTGAACTGTCAGCAGGCCACCCAGATTGT GCCACATCAAGGGCAGTATCTGCATCCCCCATACGTGGGGTACACGGTGCAGCACGACTC TGTGCCCATGACAGCTGTGCCACCTTTCATGGACGGCCTGCAGCCTGGCTACAGGCAGAT TCAGTCCCCCTTCCCTCACACCAACAGTGAACAGAAGATGTACCCAGCGGTGACTGTA<u>TA</u> ACCGAGAGTCACTGGTGGGTTCCTTTACTGAAGGGAGACGAAGGCAGGGGTGGATTTTCG AGGTGGAAGT

### FIGURE 370

MWGARRSSVSSSWNAASLLQLLLAALLAAGARASGEYCHGWLDAQGVWRIGFQCPERFDG GDATICCGSCALRYCCSSAEARLDQGGCDNDRQQGAGEPGRADKDGPDGSAVPIYVPFLI VGSVFVAFIILGSLVAACCCRCLRPKQDPQQSRAPGGNRLMETIPMIPSASTSRGSSSRQ SSTAASSSSANSGARAPPTRSQTNCCLPEGTMNNVYVNMPTNFSVLNCQQATQIVPHQG QYLHPPYVGYTVQHDSVPMTAVPPFMDGLQPGYRQIQSPFPHTNSEQKMYPAVTV

Important features of the protein: .

Signal peptide:

1-33

Transmembrane domain:

54-78

N-glycosylation site:

N-myristoylation site:

223-226

cAMP- and cGMP-dependent protein kinase phosphorylation site: 5-8

3-8, 30-35, 60-65, 86-91, 132-137, 211-216, 268-273

Prokaryotic membrane lipoprotein lipid attachment site: 128-138

#### FIGURE 371

CACCAGACAGCACTCCAGCACTCTGTTTGGGGGGCATTCGAAACAGCAAAATCACTCATA AAAGGCAAAAAATTGCAAAAAAAAATAGTAATAACCAGCATGGCACTAAATAGACCATGA AAAGACATGTGTGCAGTATGAAAATTGAGACAGGAAGGCAGAGTGTCAGCTTGTTCCA CCTCAGCTGGGA<u>ATG</u>TGCATCAGGCAACTCAAGTTTTTCACCACGGCATGTGTCTGTGAA TGTCCGCAAAACATTCTCTCTCCCCAGCCTTCATGTGTTAACCTGGGGATGATGTGGACC TGGGCACTGTGGATGCTCCCTTCACTCTGCAAATTCAGCCTGGCAGCTCTGCCAGCTAAG CCTGAGAACATTTCCTGTGTCTACTACTATAGGAAAAATTTAACCTGCACTTGGAGTCCA GGAAAGGAAACCAGTTATACCCAGTACACAGTTAAGAGAACTTACGCTTTTGGAGAAAAA CATGATAATTGTACAACCAATAGTTCTACAAGTGAAAATCGTGCTTCGTGCTCTTTTTTC CTTCCAAGAATAACGATCCCAGATAATTATACCATTGAGGTGGAAGCTGAAAATGGAGAT GGTGTAATTAAATCTCATATGACATACTGGAGATTAGAGAACATAGCGAAAACTGAACCA CCTAAGATTTTCCGTGTGAAACCAGTTTTGGGCATCAAACGAATGATTCAAATTGAATGG ATAAAGCCTGAGTTGGCGCCTGTTTCATCTGATTTAAAATACACACTTCGATTCAGGACA GTCAACAGTACCAGCTGGATGGAAGTCAACTTCGCTAAGAACCGTAAGGATAAAAACCAA ACGTACAACCTCACGGGGCTGCAGCCTTTTACAGAATATGTCATAGCTCTGCGATGTGCG GTCAAGGAGTCAAAGTTCTGGAGTGACTGGAGCCAAGAAAAAATGGGAATGACTGAGGAA GAAGCTCCATGTGGCCTGGAACTGTGGAGAGTCCTGAAACCAGCTGAGGCGGATGGAAGA AGGCCAGTGCGGTTGTTATGGAAGAAGGCAAGAGGAGCCCCAGTCCTAGAGAAAACACTT GGCTACAACATATGGTACTATCCAGAAAGCAACACTAACCTCACAGAAACAATGAACACT ACTAACCAGCAGCTTGAACTGCATCTGGGAGGCGAGAGCTTTTGGGTGTCTATGATTTCT TATAATTCTCTTGGGAAGTCTCCAGTGGCCACCCTGAGGATTCCAGCTATTCAAGAAAAA TCATTCAGTGCATTGAGGTCATGCAGGCCTGCGTTGCTGAGGACCAGCTAGTGGTGAAG TGGCAAAGCTCTGCTCTAGACGTGAACACTTGGATGATTGAATGGTTTCCGGATGTGGAC TCAGAGCCCACCACTTTCCTGGGAATCTGTGTCTCAGGCCACGAACTGGACGATCCAG CAAGATAAATTAAAACCTTTCTGGTGCTATAACATCTCTGTGTATCCAATGTTGCATGAC AAAGTTGGCGAGCCATATTCCATCCAGGCTTATGCCAAAGAAGGCGTTCCATCAGAAGGT CCTGAGACCAAGGTGGAGAACATTGGCGTGAAGACGGTCACGATCACATGGAAAGAGATT CCCAAGAGTGAGAGAAAGGGTATCATCTGCAACTACACCATCTTTTACCAAGCTGAAGGT GGAAAAGGATTCTGTAAGCACGCCCATAGCGAAGTGGAAAAAAACCCCAAGCCCCAGATA GATGCTATGGATAGACCTGTTGTAGGCATGGCTCCCCCATCTCATTGTGACTTGCAACCT TTGGGGTTTTGGGGGTTAAATGAGAGTGAAGTGACAGTACCTGAGAGGAGAGTCCTGAGG AAATGGAAGGAGTTGTTA<u>TAA</u>TTTGTCCTGGTTAGGCCCTGAATTGACCTCCCGGGAGCT CCCCGACCATCATTCCCAGGAATGGCGTGCCTGGCTTAAAGAGTGAGGAGGAACAGACCC TGTCACCATGACTTCTACTGCCCCTGCCAAATCATGCTTTTGTTTTTCAGTCCACCTTAT CTCCTGACATCTTAAATACTGGGCAAGGCTTGGATTCTTGCTTAGGCTAAATAATTTTTT CTTATGGTAAAATACACGTAAAATATTTTTCCAGTTTAAACATTTGAAAGTGTACAATTT AGTGGCATTAGAAGCATTCACAATATTGTGCAACCATCACCACTATTTCCAGAACTCTTC TATTTCTGCCCAAATAGAAGCCCTATACCCATTCATTAGTCACTCCCCATTCCTCTCCTC CCACAGCCCCTGGCAACTACCAAACTGCTTTGTGTCTCTATGGATTGCCTATTTTGGATA 



## FIGURE 372

MCIRQLKFFTTACVCECPQNILSPQPSCVNLGMMWTWALWMLPSLCKFSLAALPAKPENI SCVYYYRKNLTCTWSPGKETSYTQYTVKRTYAFGEKHDNCTTNSSTSENRASCSFFLPRI TIPDNYTIEVEAENGDGVIKSHMTYWRLENIAKTEPPKIFRVKPVLGIKRMIQIEWIKPE LAPVSSDLKYTLRFRTVNSTSWMEVNFAKNRKDKNQTYNLTGLQPFTEYVIALRCAVKES KFWSDWSQEKMGMTEEEAPCGLELWRVLKPAEADGRRPVRLLWKKARGAPVLEKTLGYNI WYYPESNTNLTETMNTTNQQLELHLGGESFWVSMISYNSLGKSPVATLRIPAIQEKSFQC IEVMQACVAEDQLVVKWQSSALDVNTWMIEWFPDVDSEPTTLSWESVSQATNWTIQQDKL KPFWCYNISVYPMLHDKVGEPYSIQAYAKEGVPSEGPETKVENIGVKTVTITWKEIPKSE RKGIICNYTIFYQAEGGKGFCKHAHSEVEKNPKPQIDAMDRPVVGMAPPSHCDLQPGMNH LASLNLSENGAKSTHLLGFWGLNESEVTVPERRVLRKWKELL

Important features of the protein:

Signal peptide:

1-46

Transmembrane domain:

None

N-glycosylation site:

59-63, 69-73, 99-103, 103-107, 125-129, 198-202, 215-219, 219-223, 309-313, 315-319, 412-416, 427-431, 487-491, 545-549, 563-567

N-myristoylation site:

32-38, 137-143, 483-489, 550-556, 561-567

Amidation site:

274-278

Growth factor and cytokines receptors family signature 1: 62-75

Fibronectin type III domain:

54-144

154-247

### FIGURE 373

 ${\tt CCAGGTCCAACTGCACCTCGGTTCTATCGATTGAATTCCCCGGGGATCCTCTAGAGATCC}$ CTCGACCTCGACCCACGCGTCCGCCAAGCTGGCCCTGCACGGCTGCAAGGGAGGCTCCTG TGGACAGGCCAGGCAGGTGGGCCTCAGGAGGTGCCTCCAGGCGGCCAGTGGGCCTGAGGC CCCAGCAAGGGCTAGGGTCCATCTCCAGTCCCAGGACACAGCAGCGGCCACCATGGCCAC GCCTGGGCTCCAGCAGCATCAGCAGCCCCCAGGACCGGGGGAGGCACAGGTGGCCCCCAC CACCGGAGGAGCAGCTCCTGCCCCTGTCCGGGGGATGACTGATTCTCCTCCGCCAGGCC ACCCAGAGGAGAAGGCCACCCCGCCTGGAGGCCACAGGCCATGAGGGGCTCTCAGGAGGTG CTGCTGATGTGGCTGTTGGCAGTGGGCGCACAGAGCACGCCTACCGGCCCGGC GTGTGTACCAGCCCTTCCTCACCACCTGCGACGGGCACCGGGCCTGCAGCACCTACCGAA CCATTTATAGGACCGCCTACCGCCGCAGCCCTGGGCTGGCCCTGCCAGGCCTCGCTACG CGTGCTGCCCGGCTGGAAGAGGACCAGCGGGCTTCCTGGGGCCTGTGGAGCAGCAATAT GCCAGCCGCATGCCGGAACGGAGGGAGCTGTGTCCAGCCTGGCCGCTGCCCCTG CAGGATGGCGGGGTGACACTTGCCAGTCAGATGTGGATGAATGCAGTGCTAGGAGGGGCG GCTGTCCCCAGCGCTGCATCAACACCGCCGGCAGTTACTGGTGCCAGTGTTGGGAGGGGC CCAACCCGACAGGAGTGGACAGTGCAATGAAGGAAGAAGTGCAGAGGCTGCAGTCCAGGG TGGACCTGCTGGAGGAGAGCTGCAGCTGGTGCTGGCCCCACTGCACAGCCTGGCCTCGC AGGCACTGGAGCATGGGCTCCCGGACCCCGGCAGCCTCCTGGTGCACTCCTTCCAGCAGC  ${\tt GCTCCTGCAAGAAGACTCG\underline{TGA}CTGCCCAGCGCCCCAGGCTGGACTGAGCCCCTCACGC}$ CGCCTGCAGCCCCATGCCCTGCCCAACATGCTGGGGGTCCAGAAGCCACCTCGGGGT GACTGAGCGGAAGGCCAGGCAGGCCTTCCTCCTTTTCCTCCTCCCCTTCCCTCGGGAGG CCCCACCCTGGTTACCCCAACGCCATCCCAAGGCCAGGTGGGCCCTCAGCTGAGGGAAGG TACGAGTTCCCCTGCTGGAGCCTGGGACCCATGGCACGGCCAGGCAGCCCGGAGGCTGG GTGGGGCCTCAGTGGGGGCTGCTGCCTGACCCCCAGCACAATAAAAATGAAACGTGAAAA GACCTGCAGAAGCTTGGCCGCCATGGCCCAACTTGTTTATTGCAGCTTATAATGGTTACAAAT

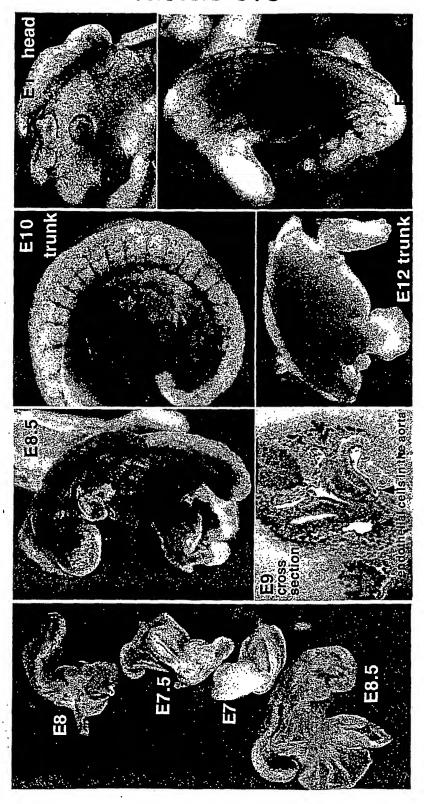
WO 02/00690 PCT/US01/19692

389/392

## FIGURE 374

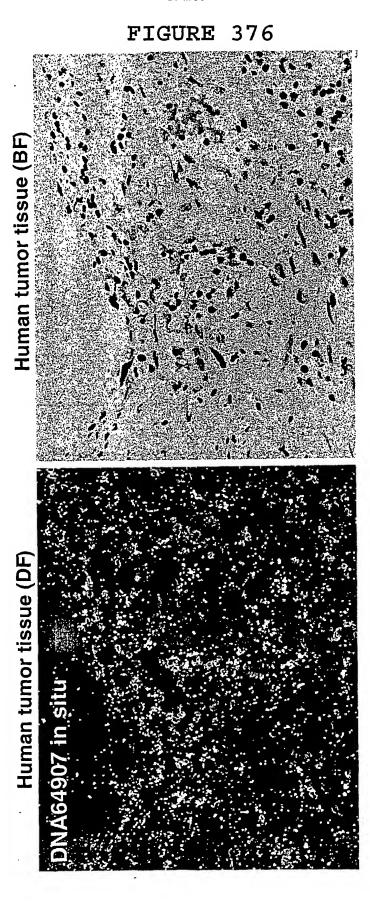
MTDSPPPGHPEEKATPPGGTGHEGLSGGAADVASGVGSGRHRARLPARPLGCVLSRAHGD PVSESFVQRVYQPFLTTCDGHRACSTYRTIYRTAYRRSPGLAPARPRYACCPGWKRTSGL PGACGAAICQPPCRNGGSCVQPGRCRCPAGWRGDTCQSDVDECSARRGGCPQRCINTAGS YWCQCWEGHSLSADGTLCVPKGGPPRVAPNPTGVDSAMKEEVQRLQSRVDLLEEKLQLVL APLHSLASQALEHGLPDPGSLLVHSFQQLGRIDSLSEQISFLEEQLGSCSCKKDS

# FIGURE 375

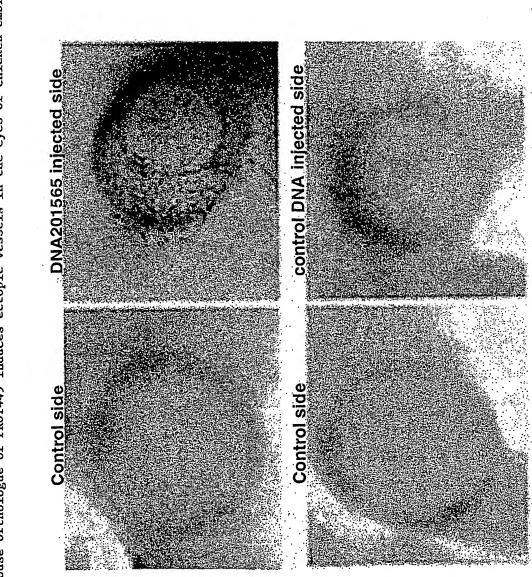


Wholemount In Situ with PRO1449 Orthologue

PRO1449 is expressed in vasculature of many inflamed and diseased tissues



## FIGURE 377



Mouse orthologue of PRO1449 induces ectopic vessels in the eyes of chicken embryos